



Information Systems (IS) Security Certification Process

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IS Security Certification

- This Brief is Designed to Describe the Security Certification Process for a System Intended to Operate at Protection Level 2 (PL2)
 - System High



IS Security Certification

Security Certifier

- PMO Requests IS Security Certification
- PMO Submits Security Documentation to Security Certifier
 - DIA/SYS-4
 - 497IG/INDIC or 690ISS/PIC
 - ONI-54
 - DAMI



IS Security Certification

Alpha Test

- PMO Conducts Alpha / Functional Testing
 - Security Certifier may be Involved with Alpha / Functional Testing



IS Security Certification *Documentation*

- System Security Accreditation Agreement (SSAA) Includes:
 - System Security Concept of Operations (CONOPS)
 - Security Requirements Tracability Matrix (SRTM)
 - Security Test Plan/Procedures
 - Trusted Facility Manual (TFM)



IS Security Certification

BETA I

- Security Certifier Conducts Beta I Certification Test in Accordance with Test Plan/Procedures in Lab/Other Facility as Appropriate
 - Assessment Test Conducted by DIA/SYS-4 or Designee at Discretion of DIA/SYS-4



IS Security Certification

BETA I

- If System Tests are Successful, the Test Director Prepares Test Report for PMO for Input to DMB
- If Approved by DMB Permission is Granted to Proceed to Beta II



IS Security Certification

BETA II

- PMO Provides System Security Documentation to Beta II Site
 - Includes Security Certification Letter and Test Report from Beta I
- Site ISSM Obtains Approval from CCB to Integrate System into Site Baseline



IS Security Certification

BETA II

- Security Certifier (DIA/SYS-4, SCO, or ISSM) Conducts Beta II Test in Accordance with PMO Test Plan/Procedures at Operational Site
 - Assessment Test Conducted by DIA/SYS-4 or Designee at Discretion of DIA/SYS-4



IS Security Certification

BETA II

- If the System Tests are Successful, the Test Director prepares Test Report for PMO (for Input to DMB) and ISSO/ISSM
- DIA/SYS-4 or SCO Grants IATO for Beta II Site Only



IS Security Certification

Operational Sites

- DMB Grants Approval to Field
- PMO Forwards All System Documentation to Sites
- ISSM/ISSO Obtains Approval from Site CCB to Integrate Certified System into Site Baseline
- ISSM Conducts Subset of PMO Provided Test Plan/Procedures at their Discretion



IS Security Certification

Operational Sites

- If System Fails or Major Findings are Discovered...Findings are Sent to DIA/SYS-4, SCO, and PMO and System is Re-Evaluated by DIA/SYS-4 or SCO
- If System Passes...ISSM Grants Approval to Operate and Adds to Accredited Baseline and a Updated Baseline is Provided to SCO



IS Security Certification

- Questions?